

Notice of Allowability	Application No.	Applicant(s)	
	09/270,967	GRABELSKY ET AL.	
	Examiner	Art Unit	
	Abdulhakim Nobahar	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 29 September 2005.
2. ☒ The allowed claim(s) is/are 1,2,4-10 and 12-35.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Allowable Subject Matter

1. Claims 1, 2, 4-10 and 12-35 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The primary reasons for the allowance of the independent claims 1, 2, 9, 14, 20, 28 and 34 are the inclusion of the following limitations that are not found in the prior art and they are uniquely distinct features. The closest prior art is Minear et al. (5,983,350). Minear et al discloses a system and method for regulating the flow of messages through a firewall having a network protocol stack that includes an Internet protocol (IP) layer. Minear et al also discloses that a security for communication between an end device on one network and another end device on a second network is provided by utilizing IPSEC protocol for encryption and decryption work within the IP layer of the network protocol stack. Minear et al further discloses that the use of IPSEC requires a security association for each destination IP address. However, this art fails to anticipate or render the following limitations:

"Claims 1 and 2: wherein the second network device has a publicly routable address, and

wherein the second network device's publicly routable address in combination with the one or more locally unique security values are used to uniquely identify the first

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network device during secure communications with a third network device on a second external network;

wherein the secure communications include the one or more locally unique secure values, and

wherein the second network device routes secure communication data from the third network device to the first network device in response to the one or more locally unique security values.”

“Claim 9: wherein the second network device has a publicly routable address, and

wherein the second network device's publicly routable address in combination with the one or more locally unique security values are used to uniquely identify the first network device during secure communications with a third network device on a second external network, and

wherein the secure communications include the one or more locally unique secure values, and

wherein the second network device routes secure communication data from the third network device to the first network device in response to the one or more locally unique security values.”

“Claims 14 and 34: wherein the second network device has a publicly routable address, and

wherein the second network device's publicly routable address in combination with the locally unique security values are used to uniquely identify the first network device during secure communications with the third network device on the second external network, and

wherein the secure communications include the one or more locally unique secure values, and

wherein the second network device routes secure communication data from the third network device to the first network device in response to the one or more locally unique security values.”

“Claim 20: wherein the second network device has a publicly routable address, and

wherein the second network device's publicly routable address in combination with the security information are used to uniquely identify the first network device during secure communications with the third network device on the second external network; and

routing the reply message from the second network device to the first network device on the first network using one or more locally unique ports associated with the security information and used for distributed network address translation.”

“Claim 28: wherein the second network device has a publicly routable address, and

wherein the second network device's publicly routable address in combination with the one or more locally unique security values are used to uniquely identify the first network device during secure communications with the third network device, and

wherein the secure communications include the one or more locally unique secure values, and

wherein the second network device routes secure communication data from the third network device to the first network device in response to the one or more locally unique security values.”

3. The dependent claims 4-8, 10, 12, 13, 15-19, 21-27, 29-33 and 35 are allowed because they were originally found to include a unique feature not found in the closest abovementioned art.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abdulhakim Nobahar whose telephone number is 703-305-8074. The examiner can normally be reached on M-F 8-5.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 703-305-1830. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Abdulkhikim Nobahar, Examiner, Art Unit 2132 *a.n.*

November 10, 2005

Gilberto Barron
GILBERTO BARRON JR
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